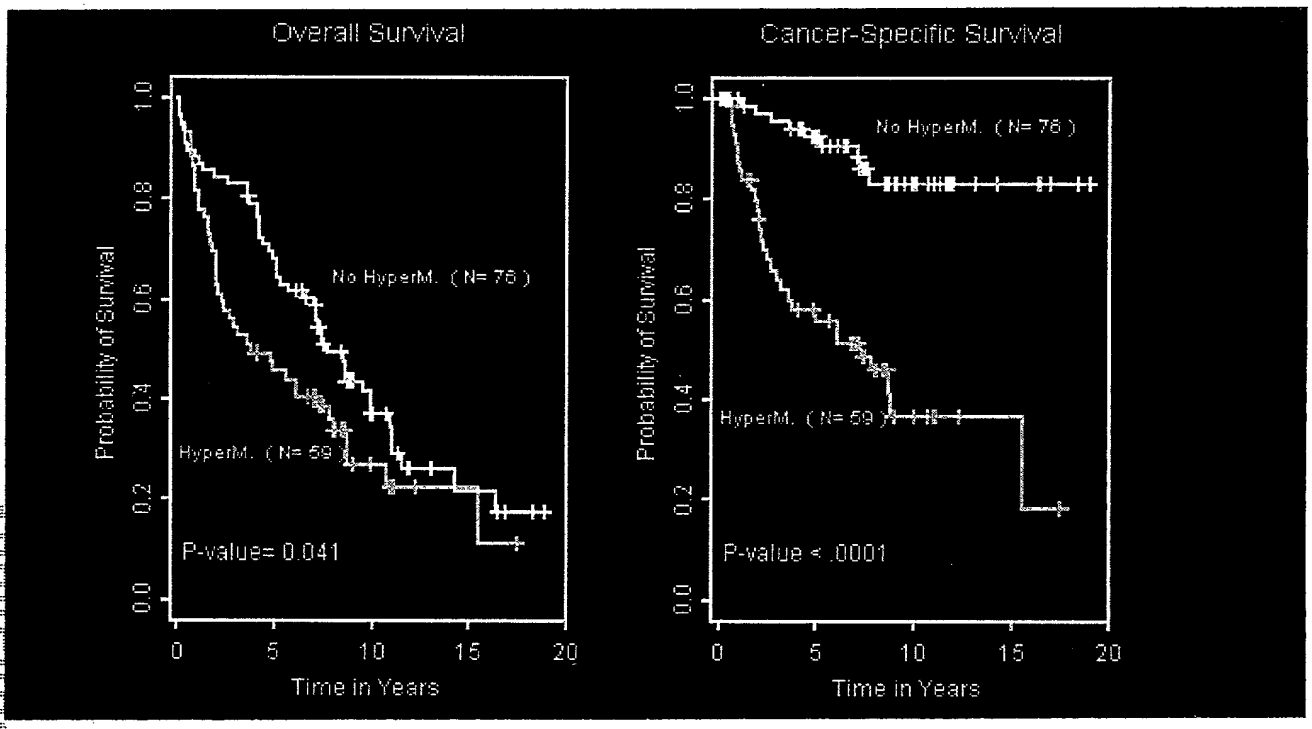

Fig. 1A

Fig. 1B

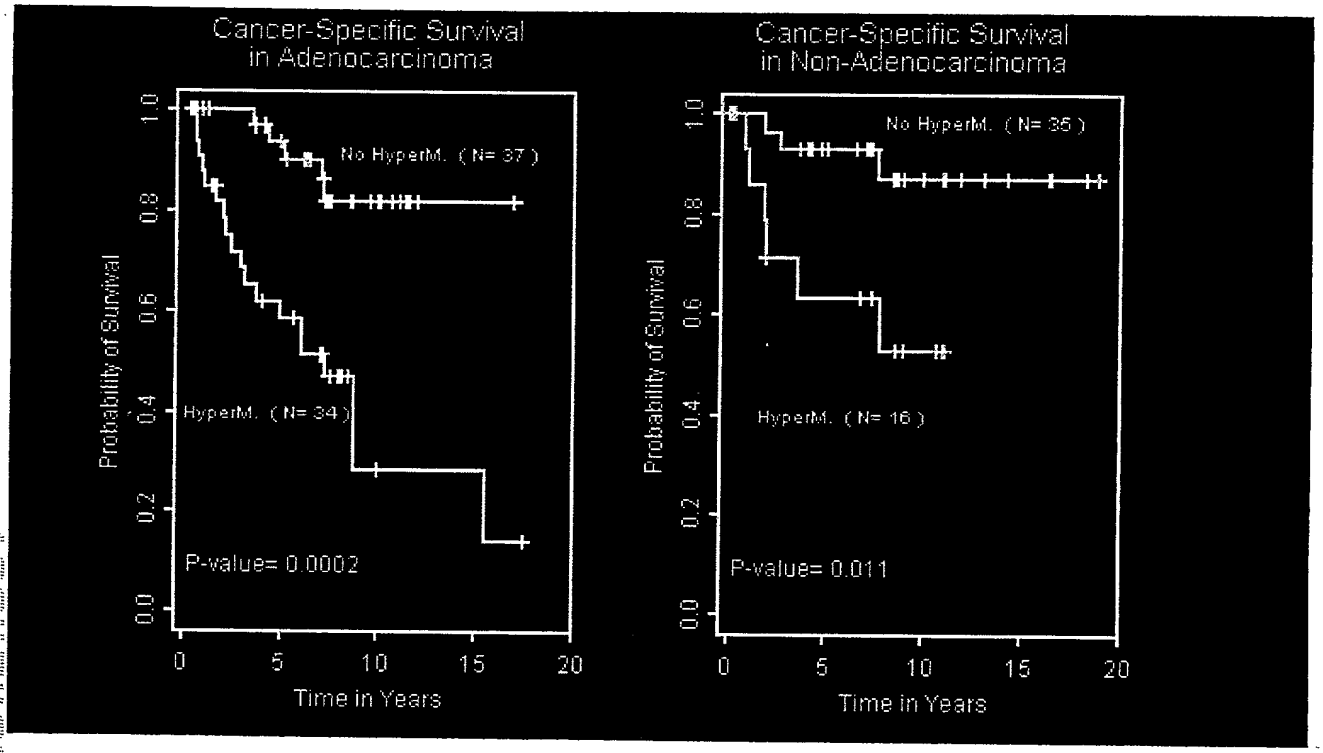
Cancer-Specific Survival
in Adenocarcinoma
Probability of Survival
0.0
0.2
0.4
0.6
0.8
1.0
No HyperM. (N= 37)
HyperM. (N= 34)
P-value= 0.0002
0
5
10
15
20
Time in Years
Cancer-Specific Survival
in Non-Adenocarcinoma
Probability of Survival
0.0
0.2
0.4
0.6
0.8
1.0
No HyperM. (N= 35)
HyperM. (N= 16)
P-value= 0.011
0
5
10
15
20
Time in Years

Fig. 1C

Fig. 1D

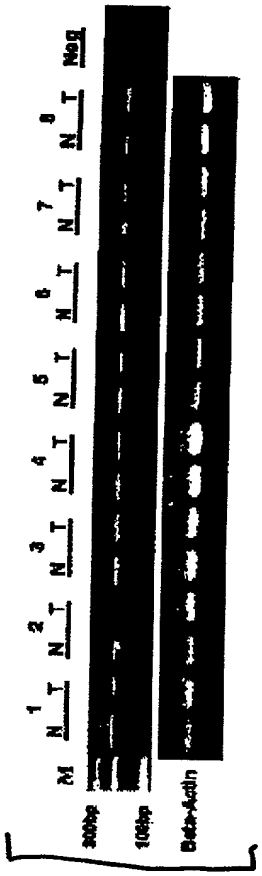
M
N T 1
N T 2
N T 3
N T 4
N T 5
N T 6
N T 7
N T 8
Neg
300bp
100bp
Beta-Actin

Fig. 2A

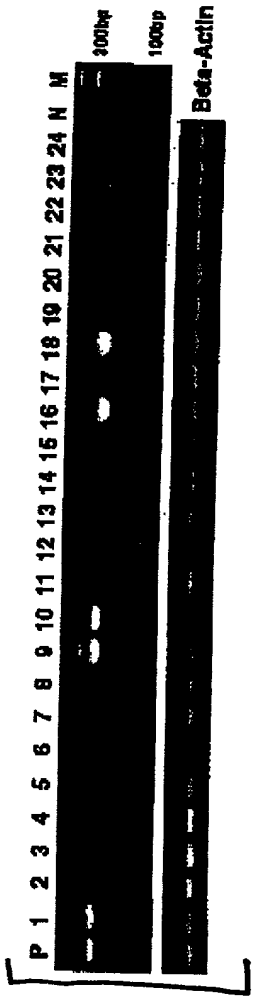
P 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 N M
300bp
150bp
Beta-Actin

Fig. 2F

Fig. 2B

Fig. 2C

Fig 2D

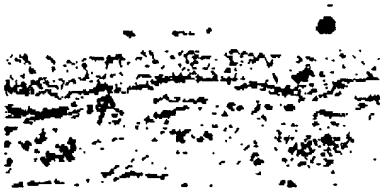

Fig. 2E

CGGAGGACAG CCGGACCGAG CCAACGCCGG GGACTTTGTT CCCTCCACGG AGGGGACTCG GCAACTCGCA
GCGGCAGGGT CTGGGGCCGG CGCCTGGGAG GGATCTGCGC CCCCCACTCA CTCCCTAGCT GTGTTCCCGC
CGCCGCCCCG GCTAGTCTCC GGCGCTGGCG CCTATGGTCG GCCTCCGACA GCGCTCCGGA GGGACCGGGG
GAGCTCCCAG GCGCCCGGGA CTGGAGACTG ATGCATGAGG GGCCTACGGA GGCGCAGGAG CGGTGGTGAT
GGTCTGGGAA GCGGAGCTGA AGTCCCCTGG GCTTTGGTGA GGCGTGACAG TTTATCATGA CCGTGTTCAG
GCAGGAAAAC GTGGATGATT ACTACGACAC CGGCGAGGAA CTTGGCAGTG GACAGTTTGC GGTTGTGAAG
AAATGCCGTG AGAAAAGTAC CGGCCTCCAG TATGCCGCCA AATTCATCAA GAAAAGGAGG ACTAAGTCCA
GCCGGCGGGG TGTGAGCCGC GAGGACATCG AGCGGGAGGT CAGCATCCTG AAGGAGATCC AGCACCCCAA
TGTCATCACC CTGCACGAGG TCTATGAGAA CAAGACGGAC GTCATCCTGA TCTTGGAACT CGTTGCAGGT
GGCGAGCTGT TTGACTTCTT AGCTGAAAAG GAATCTTTAA CTGAAGAGGA AGCAACTGAA TTTCTCAAAC
AAATTCTTAA TGGTGTTTAC TACCTGCACT CCCTTCAAAT CGCCCACTTT GATCTTAAGC CTGAGAACAT
AATGCTTTTG GATAGAAATG TCCCCAAACC TCGGATCAAG ATCATTGACT TTGGGTTGGC CCATAAAATT
GACTTTGGAA ATGAATTTAA AAACATATTT GGGACTCCAG AGTTTGTCGC TCCTGAGATA GTCAACTATG
AACCTCTTGG TCTTGAGGCA GATATGTGGA GTATCGGGGT AATAACCTAT ATCCTCCTAA GTGGGGCCTC
CCCATTTCTT GGAGACACTA AGCAAGAAAC GTTAGCAAAT GTATCCGCTG TCAACTACGA ATTTGAGGAT
GAATACTTCA GTAATACCAG TGCCCTAGCC AAAGATTTCA TAAGAAGACT TCTGGTCAAG GATCCAAAGA
AGAGAATGAC AATTCAAGAT AGTTTGCAGC ATCCCTGGAT CAAGCCTAAA GATACACAAC AGGCACTTAG
TAGAAAAGCA TCAGCAGTAA ACATGGAGAA ATTCAAGAAG TTTGCAGCCC GGAAAAAATG GAAACAATCC
GTTCGCTTGA TATCACTGTG CCAAAGATTA TCCAGGTCAT TCCTGTCCAG AAGTAACATG AGTGTTGCCA
GAAGCGATGA TACTCTGGAT GAGGAAGACT CCTTTGTGAT GAAAGCCATC ATCCATGCCA TCAACGATGA
CAATGTCCCA GGCCTGCAGC ACCTTCTGGG CTCATTATCC AACTATGATG TTAACCAACC CAACAAGCAC
GGGACACCTC CATTACTCAT TGCTGCTGGC TGTGGGAATA TTCAAATACT ACAGTTGCTC ATTAAAAGAG
GCTCGAGAAT CGATGTCCAG GATAAGGGCG GGTCCAATGC CGTCTACTGG GCTGCTCGGC ATGGCCACGT
CGATACCTTG AAATTTCTCA GTGAGAACAA ATGCCCTTTG GATGTGAAAG ACAAGTCTGG AGAGATGGCC
CTCCACGTGG CAGCTCGCTA TGGCCATGCT GACGTGGCTC AAGTTACTTG TGCAGCTTCG GCTCAAATCC

Fig. 3A

CAATATCCAG GACAAAGGAA GAAGAAACCC CCCTGCACTG TGCTGCTTGG CACGGCTATT ACTCTGTGGC
CAAAGCCCTT TGTGAAGCCG GCTGTAACGT GAACATCAAG AACCGAGAAG GAGAGACGCC CCTCCCTGACA
GCCTCTGCCA GGGGCTACCA CGACATCGTG GAGTGTCTGG CCGAACATGG AGCCGACCTT AATGCTTGCG
ACAAGGACGG ACACATTGCC CTTCATCTGG CTGTAAGACG GTGTCAGATG GAGGTAATCA AGACTCTCCT
CAGCCAAGGG TGTTTCGTCG ATTATCAAGA CAGGCACGGC AATACTCCCC TCCATGTGGC ATGTAAAGAT
GGCAACATGC CTATCGTGGT GGCCCTCTGT GAAGCAAACT GCAATTTGGA CATCTCCAAC AAGTATGGGC
GAACGCCTCT GCACCTTGCG GCCAACAACG GAATCCTAGA CGTGGTCCGG TATCTCTGTC TGATGGGAGC
CAGCGTTGAG GCGCTGACCA CGGACGGAAA GACGGCAGAA GATCTTGCTA GATCGGAACA GCACGAGCAC
GTAGCAGGTC TCCTTGCAAG ACTTCGAAAG GATACGCACC GAGGACTCTT CATCCAGCAG CTCCGACCCA
CACAGAACCT GCAGCCAAGA ATTAAGCTCA AGCTGTTTGG CCACTCGGGA TCCGGGAAAA CCACCCTTGT
AGAATCTCTC AAGTGTGGGC TGCTGAGGAG CTTTTTCAGA AGGCGTCGGC CCAGACTGTC TTCCACCAAC
TCCAGCAGGT TCCCACCTTC ACCCCTGGCT TCTAAGCCCA CAGTCTCAGT GAGCATCAAC AACCTGTACC
CAGGCTGCGA GAACGTGAGT GTGAGGAGCC GCAGCATGAT GTTCGAGCCG GGTCTTACCA AAGGGATGCT
GGAGGTGTTT GTGGCCCCGA CCCACCACCC GCACTGCTCG GCCGATGACC AGTCCACCAA GGCCATCGAC
ATCCAGAACG CTTATTTGAA TGGAGTTGGC GATTTCAGCG TGTGGGAGTT CTCTGGAAAT CCTGTGTATT
TCTGCTGTTA TGACTATTTT GCTGCAAATG ATCCCACGTC AATCCATGTT GTTGTCTTTA GTCTAGAAGA
GCCCTATGAG ATCCAGCTGA ACCCAGTGAT TTTCTGGCTC AGTTTCCTGA AGTCCCTTGT CCCAGTTGAA
GAACCCATAG CCTTCGGTGG CAAGCTGAAG AACCCACTCC AAGTTGTCCT GGTGGCCACC CACGCTGACA
TCATGAATGT TCCTCGACCG GCTGGAGGCG AGTTTGGATA TGACAAAGAC ACATCGTTGC TGAAAGAGAT
TAGGAACAGG TTTGGAAATG ATCTTCACAT TTCAAATAAG CTGTTTGTTC TGGATGCTGG GGCTTCTGGG
TCAAAGGACA TGAAGGTACT TCGAAATCAT CTGCAAGAAA TACGAAGCCA GATTGTTTCG GTCTGTCCTC
CCATGACTCA CCTGTGTGAG AAAATCATCT CCACGCTGCC TTCCTGGAGG AAGCTCAATG GACCCAACCA
GCTGATGTCG CTGCAGCAGT TTGTGTACGA CGTGCAGGAC CAGCTGAACC CCCTGGCCAG CGAGGAGGAC
CTCAGGCGCA TTGCTCAGCA GCTCCACAGC ACAGGCGAGA TCAACATCAT GCAAAGTGAA ACAGTTCAGG
ACGTGCTGCT CCTGGACCCC CGCTGGCTCT GCACAAACGT CCTGGGGAAG TTGCTGTCCG TGGAGACCCC

Fig. 3B

```
ACGGGCGCTG CACCACTACC GGGGCCGCTA CACCGTGGAG GACATCCAGC GCCTGGTGCC CGACAGCGAC
GTGGAGGAGC TGCTGCAGAT CCTCGATGCC ATGGACATCT GCGCCCGGGA CCTGAGCAGC GGGACCATGG
TGGACGTCCC AGCCCTGATC AAGACAGACA ACCTGCACCG CTCCTGGGCT GATGAGGAGG ACGAGGTGAT
GGTGTATGGT GGCGTGCGCA TCGTGCCCGT GGAACACCTC ACCCCCTTCC CATGTGGCAT CTTTCACAAG
GTCCAGGTGA ACCTGTGCCG GTGGATCCAC CAGCAAAGCA CAGAGGGCGA CGCGGACATC CGCCTGTGGG
TGAATGGCTG CAAGCTGGCC AACCGTGGGG CCGAGCTGCT GGTGCTGCTG GTCAACCACG GCCAGGGCAT
TGAGGTCCAG GTCCGTGGCC TGGAGACGGA GAAGATCAAG TGCTGCCTGC TGCTGGACTC GGTGTGCAGC
ACCATTGAGA ACGTCATGGC CACCACGCTG CCAGGGCTCC TGACCGTGAA GCATTACCTG AGCCCCCAGC
AGCTGCGGGA GCACCATGAG CCCGTCATGA TCTACCAGCC ACGGGACTTC TTCCGGGCAC AGACTCTGAA
GGAAACCTCA CTGACCAACA CCATGGGGGG GTACAAGGAA AGCTTCAGCA GCATCATGTG CTTCGGGTGT
CACGACGTCT ACTCACAGGC CAGCCTCGGC ATGGACATCC ATGCATCAGA CCTGAACCTC CTCACTCGGA
GGAAACTGAG TCGCCTGCTG GACCCGCCCG ACCCCCTGGG GAAGGACTGG TGCCTTCTCG CCATGAACTT
AGGCCTCCCT GACCTCGTGG CAAAGTACAA CACCAATAAC GGGGCTCCCA AGGATTTCCT CCCCAGCCCC
CTCCACGCCC TGCTGCGGGA ATGGACCACC GCACAGTGGG CACCCTCATG TCCAAACTGA
GGGAGCTGGG TCGCCGGGAT GCCGCAGACC TTTTGCTGAA GGCATCCTCT GTGTTCAAAA TCAACCTGGA
TGGCAATGGC CAGGAGGCCT ATGCCTCGAG CTGCAACAGC GGCACCTCTT ACAATTCCAT TAGCTCTGTT
GTATCCCGGT GAGGGCAGCC TCTGGCTTGG ACAGGGTCTG TTTGGACTGC AGAACCAAGG GGGTGATGTA
GCCCATCCTT CCCTTTGGAG ATGCTGAGGG TGTTTCTTCC TGCACCCACA GCCAGGGGGA TGCCACTCCT
CCCTCCGGCT TGACCTGTTT CTCTGCCGCT ACCTCCCTCC CCGTCTCATT CCGTTGTCTG TGGATGGTCA
TTGCAGTTTA AGAGCAGAAC AGATCTTTTA CTTTGGCCGC TTGAAAAGCT AGTGTACCTC CTCTCAGTGT
TTTGGACTCC ATCTCTCATC CTCCAGTACC TTGCTTCTTA CTGATAATTT TGCTGGAATT CCTAACTTTT
CAATGACATT TTTTTTAACT ATCATATTGA TTGTCCTTTA AAAAAGAAAA GTGCATATTT ATCCAAAATG
TGTATTTCTT ATACGCTTTT CTGTGTTATA CCATTTCCTC AGCTTATCTC TTTTATATTT GTAGGAGAAA
CTCCCATGTA TGGAATCCCA CTGTATGATT TATAAACAGA CAATATGTGA GTGCCTTTTG CAGAAGAGGG
TGTGTTTGAA ATCATCGGAG TCAGCCAGGA GCTGTCACCA AGGAAACGCT ACCTCTCTGT CCCTTGCTGT
```

Fig. 3C

```
ATGCTGATCA TCGCCAGAGG TGCTTCACCC TGAGTTTTGT TTTGTATTGT TTTCTGACAG TTTTTCTGTT
TTGTTTGGCA AGGAAAGGGG AGAAGGGAAT CCTCCTCCAG GGTGATTTTA TGATCAGTGT TGTTGCTCTA
GGAAGACATT TTTCCGTTTG CTTTTGTTCC AATGTCAATG TGAACGTCCA CATGAAACCT ACACACTGTC
ATGCTTCATC ATTCCCTCTC ATCTCAGGTA GAAGGTTGAC ACAGTTGTAG GGTTACAGAG ACCTATGTAA
GAATTCAGAA GACCCCTGAC TCATCATTTG TGGCAGTCCC TTATAATTGG TGCATAGCAG ATGGTTTCCA
CATTTAGATC CTGGTTTCAT AACTTCCTGT ACTTGAAGTC TAAAAGCAGA AAATAAAGGA AGCAAGTTTT
CTTCCATGAT TTTAAATTGT GATCGAGTTT TAAATTGATA GGAGGGAACA TGTCCTAATT CTTCTGTCCT
GAGAAGCATG TAATGTTAAT GTTATATCAT ATGTATATAT ATATATGCAC TATGTATATA CATATATATT
AATACTGGTA TTTTTACTTA ATCTATAAAA TGTCGTTAAA AAGTTGTTTG TTTTTTCTT TTTTATAAA
TAAACTGTTG CTCGTTAAAA AAAAAAAAA
```

Fig. 3D

ATGGCAGGGT TCTCTCCTTG GCGGCGGCGG CAGCGGCGGA GGCGGCGGCG GCGGCGGGCG AGGCACGCTT
CGCGGGCAGC ACCAGAACTG GTCGGTGATT TAGGTAGTTT CCTGTTGTTG GGATCCACCT TTCTCTCGAC
AGGCACGACA CTGCCCTTCA TTACTTCAGT TGAAATCGTC TCCAGGTACC TCTGCGCGCG GGGGTCGGGC
CGCGCGGGGC ATCACGGCCC TGGTCGTGCC AGGCCTGCGG TGGCAACCTC GGCTTTCCCT GCTCAGGAGC
CTCGTGTCTT TCTCCGCAGC GCTTTGCCAG CCGGCCGGCT TTCCCCCTCC ACCACACACC TCCACCTGGT
CACAGCAGAT AACCCAGCAG CCAACTGGCT TCATGCGCGC TCCACTCGGA AAAAGCGGTG CCCCTATACA
AAACACCAGA CCCTGGAACT GGAGAAAGAG TTTCTGTTCA ACATGTACCT CACCAGGGAC CGCAGGTACG
AGGTGGCTCG ACTGCTCAAC CTCACCGAGA GGCAGGTCAA GATCTGGTTC CAGAACCGCA GGATGAAAAT
GAAGAAAATC AACAAAGACC GAGCAAAAGA CGAGTGA

Fig. 4